Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
Data File : BF135543.D
Acq On : 03 Oct 2023 15:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 04 06:59:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 06:58:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	129946	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	496067	20.000	ng	#	0.00
39) Acenaphthene-d10	9.775	164	240912	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	455133	20.000	ng		0.00
76) Chrysene-d12	13.927	240	227016	20.000	ng		0.00
86) Perylene-d12	15.386	264	226397	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	634878	79.463	ng		0.00
7) Phenol-d6	6.392	99	776837	76.466	ng		0.00
23) Nitrobenzene-d5	7.310	82	715823	78.397	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	164455	68.692	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1177298	73.729	ng		0.00
79) Terphenyl-d14	12.863	244	1150407	78.556	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.422	88	158017	45.116	ng		95
3) Pyridine	3.169	79	419260	44.477	ng		97
4) n-Nitrosodimethylamine	3.134	42	208034	41.588	ng		97
6) Aniline	6.410	93	500938	37.602	ng	#	81
8) 2-Chlorophenol	6.528	128	337345	39.553	ng		100
9) Benzaldehyde	6.298	77	219568	37.938	ng		99
10) Phenol	6.404	94	420205	37.720	ng	#	74
11) bis(2-Chloroethyl)ether	6.481	93	335601	40.162	ng		100
12) 1,3-Dichlorobenzene	6.681	146	330744	38.158	ng		98
13) 1,4-Dichlorobenzene	6.757	146	331287	37.567	ng		99
14) 1,2-Dichlorobenzene	6.910	146	304592	37.193	ng		98
15) Benzyl Alcohol	6.892	79	252444	34.628	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	604458	38.377	ng		82
17) 2-Methylphenol	7.004	107	283686	37.692	ng		98
18) Hexachloroethane	7.245	117	126549	38.838	ng		96
19) n-Nitroso-di-n-propyla...	7.157	70	219874	34.942	ng		96
20) 3+4-Methylphenols	7.163	107	345089	38.130	ng	#	72
22) Acetophenone	7.151	105	433403	38.214	ng		93
24) Nitrobenzene	7.328	77	363560	40.285	ng		98
25) Isophorone	7.563	82	656174	39.136	ng		98
26) 2-Nitrophenol	7.639	139	179464	41.433	ng		99
27) 2,4-Dimethylphenol	7.686	122	292960	40.239	ng		96
28) bis(2-Chloroethoxy)met...	7.775	93	407732	40.630	ng		99
29) 2,4-Dichlorophenol	7.886	162	264752	39.244	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	272937	38.707	ng		98
31) Naphthalene	8.039	128	935039	38.794	ng		99
32) Benzoic acid	7.822	122	214949	39.208	ng		96
33) 4-Chloroaniline	8.098	127	419408	39.661	ng		99
34) Hexachlorobutadiene	8.151	225	154120	36.248	ng		99
35) Caprolactam	8.469	113	93909	41.476	ng		95
36) 4-Chloro-3-methylphenol	8.592	107	292328	38.988	ng		93
37) 2-Methylnaphthalene	8.733	142	612775	37.822	ng		99
38) 1-Methylnaphthalene	8.833	142	562370	37.075	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	273029	39.119	ng		99
41) Hexachlorocyclopentadiene	8.881	237	119327	42.604	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	176568	38.639	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	202900	38.555	ng		99
46) 1,1'-Biphenyl	9.198	154	733772	39.634	ng		99
47) 2-Chloronaphthalene	9.222	162	532355	39.631	ng		98
48) 2-Nitroaniline	9.328	65	219855	42.129	ng		98
49) Acenaphthylene	9.639	152	857520	38.412	ng		99
50) Dimethylphthalate	9.504	163	632175	38.812	ng		100
51) 2,6-Dinitrotoluene	9.575	165	142179	39.846	ng	#	84
52) Acenaphthene	9.810	154	523670	39.708	ng		96
53) 3-Nitroaniline	9.745	138	178002	42.498	ng		94
54) 2,4-Dinitrophenol	9.863	184	105646	54.329	ng		96
55) Dibenzofuran	9.986	168	754766	37.505	ng		97
56) 4-Nitrophenol	9.922	139	118757	44.612	ng		98
57) 2,4-Dinitrotoluene	9.980	165	166785	37.337	ng	#	80
58) Fluorene	10.327	166	597719	38.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	148134	36.593	ng		98
60) Diethylphthalate	10.204	149	621619	38.027	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	283039	38.085	ng		91
62) 4-Nitroaniline	10.363	138	166724	41.411	ng		95
63) Azobenzene	10.480	77	649487	40.597	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	97628	40.386	ng		86
66) n-Nitrosodiphenylamine	10.439	169	552772	40.117	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	171585	37.906	ng		94
68) Hexachlorobenzene	10.874	284	178468	38.700	ng	#	89
69) Atrazine	10.974	200	135919	36.660	ng		99
70) Pentachlorophenol	11.080	266	112467	40.762	ng		97
71) Phenanthrene	11.292	178	865452	40.205	ng		99
72) Anthracene	11.345	178	888765	40.168	ng		99
73) Carbazole	11.510	167	833848	41.398	ng		98
74) Di-n-butylphthalate	11.833	149	971958	40.952	ng		99
75) Fluoranthene	12.486	202	912332	40.675	ng		98
77) Benzidine	12.616	184	187799	40.380	ng		100
78) Pyrene	12.716	202	918559	42.499	ng		100
80) Butylbenzylphthalate	13.339	149	350647	46.078	ng		95
81) Benzo(a)anthracene	13.915	228	600766	40.983	ng		100
82) 3,3'-Dichlorobenzidine	13.880	252	191823	41.894	ng		98
83) Chrysene	13.951	228	576577	39.561	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	374257	47.926	ng		99
85) Di-n-octyl phthalate	14.515	149	518704	41.797	ng		100
87) Indeno(1,2,3-cd)pyrene	16.868	276	648779	43.706	ng		97
88) Benzo(b)fluoranthene	14.962	252	450315	36.743	ng	#	97
89) Benzo(k)fluoranthene	14.986	252	447894	36.996	ng	#	96
90) Benzo(a)pyrene	15.321	252	465754	39.851	ng		98
91) Dibenzo(a,h)anthracene	16.874	278	526754	43.370	ng		99
92) Benzo(g,h,i)perylene	17.309	276	560249	44.168	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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